



2000 Toxics Release Inventory

NEW JERSEY

Reported Releases and Waste Management Activities (in pounds)

	Original Industry	New Industry	Total
On-site Releases	13,233,848	9,674,195	22,908,043
Air Emissions	7,505,160	9,659,992	17,165,152
Surface Water Discharges	5,534,296	13,079	5,547,375
Underground Injection Class I Wells	1	0	1
Underground Injection Class II-V Wells	3	0	3
On-site Land Releases to RCRA Subtitle C Landfills	142,164	0	142,164
Other On-site Land Releases	52,224	1,125	53,349
Off-site Releases (Transfers Off-site to Disposal)*	5,265,291	837,114	6,102,406
Total On- and Off-site Releases	18,499,140	10,511,310	29,010,449
Recycled On-site	94,248,320	12,852,495	107,100,815
Recycled Off-site	29,865,781	81,249	29,947,029
Energy Recovery On-site	4,812,036	0	4,812,036
Energy Recovery Off-site	34,120,677	28,746,354	62,867,031
Treated On-site	143,970,806	36,772,598	180,743,404
Treated Off-site**	47,236,743	2,328,733	49,565,476
Quantity Released On- and Off-site***	19,157,341	10,395,105	29,552,446
Total Production-related Waste Managed	373,411,703	91,176,534	464,588,237
Non-production-related Waste Managed	31,331	10,180	41,511

Transfers Off-site for Further Waste Management/Disposal

Recycling	30,419,294	85,147	30,504,441
Energy Recovery	34,109,908	26,304,984	60,414,892
Treatment	7,785,343	5,434,185	13,219,528
Publicly Owned Treatment Works (POTWs)	37,306,956	242,996	37,549,952
Metals and Metal Compounds*	55,040	343	55,383
Non-metal TRI Chemicals**	37,251,916	242,653	37,494,569
Other Off-site Transfers****	50	0	50
Transfers Off-site to Disposal (not including metals to POTWs)	5,310,067	892,064	6,202,131
Total Transfers Off-site for Further Waste Management/Disposal	114,931,618	32,959,376	147,890,993

* Transfers to POTWs of metals and metal compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

** Transfers to POTWs of non-metals are included in treated off-site waste management activity.

*** Excludes non-production-related releases; e.g. releases due to catastrophic events or remedial actions.

**** Transfers reported without a valid waste management code.

For More Information . . .

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Support Service (TRI-US):
(202) 566-0250
Fax: (202) 401-2347
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The largest marker in the state map represents the largest facility for on-site releases in the state of New Jersey. All markers are proportionally-sized to represent the on-site releases at each facility within this state.

State/TRI Data

Population	8,429,007
Square Miles	7,419
Total Facilities	587
Total Forms	2,482
Form As	406

	Original Industry	New Industry	Total
National Rank for Total On- and Off-site Releases*			
Rank	33	35	39
Pounds	18,499,140	10,511,310	29,010,449
National Rank for Total On-site Releases**			
Rank	35	34	39
Pounds	13,233,848	9,674,195	22,908,043
National Rank for Total Releases within State***			
Rank	32	36	39
Pounds	17,433,464	9,960,383	27,393,847
National Rank for Production-related Waste Managed			
Rank	21	17	22
Pounds	373,411,703	91,176,534	464,588,237

* Includes transfers out-of-state for disposal. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

** Includes amounts released at the facility. Excludes amounts transferred to other sites.

*** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site.



2000 Toxics Release Inventory

NEW JERSEY

On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the State (All Chemicals)

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
7647-01-0	Hydrochloric acid	6,084,400	5	0	0	110	6,084,515	4,891	0	110
—	Nitrate compounds	559	4,955,589	0	0	2,077	4,958,225	4,106	1,975	102
—	Zinc compounds	29,780	27,664	0	13,932	2,306,028	2,377,404	152,450	1,613,410	694,419
108-88-3	Toluene	1,691,920	645	0	1,175	10,614	1,704,354	8,582	13	10,601
1330-20-7	Xylene (mixed isomers)	1,357,446	13,405	0	7,611	170,160	1,548,622	1,096	100,626	69,534

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

** The chemical ranking is based on the amounts in this column.

On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the State

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
—	Polycyclic aromatic compounds	1,490.18	56.00	0.00	426.00	560.00	2,532.18	3,563.35	161.60	398.40
—	Mercury compounds	601.45	3.60	0.00	17.00	405.22	1,027.27	210.89	77.70	327.52
40487-42-1	Pendimethalin	0.20	302.00	0.00	332.00	0.00	634.20	0.00	0.00	0.00
7439-97-6	Mercury	338.61	0.00	1.00	0.00	248.93	588.53	306.17	167.66	90.70
191-24-2	Benzo(g,h,i)perylene	27.11	3.56	0.00	0.00	55.58	86.25	0.00	0.10	55.48
608-93-5	Pentachlorobenzene	70.90	0.00	0.00	0.00	0.00	70.90	0.00	0.00	0.00
118-74-1	Hexachlorobenzene	53.98	12.00	0.00	0.00	3.00	68.98	0.00	0.00	3.00
1336-36-3	Polychlorinated biphenyls (PCBs)	0.49	2.63	0.00	15.00	20.99	39.11	0.00	7.70	13.29
57-74-9	Chlordane	6.54	0.00	0.00	0.00	0.88	7.42	0.00	0.00	0.88
76-44-8	Heptachlor	3.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00
—	Dioxin and dioxin-like compounds	0.02	0.00	0.00	0.00	0.07	0.09	0.00	0.00	0.07
—	<i>Dioxin and dioxin-like compounds (in grams)</i>	<i>8.043</i>	<i>0.544</i>	<i>0.000</i>	<i>1.760</i>	<i>31.280</i>	<i>41.626</i>	<i>0.071</i>	<i>0.800</i>	<i>30.480</i>
309-00-2	Aldrin	0.06	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00
72-43-5	Methoxychlor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
465-73-6	Isodrin	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8001-35-2	Toxaphene	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29082-74-4	Octachlorostyrene	—***	—	—	—	—	—	—	—	—
79-94-7	Tetrabromobisphenol A	—***	—	—	—	—	—	—	—	—
1582-09-8	Trifluralin	—***	—	—	—	—	—	—	—	—

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

** The chemical ranking is based on the amounts in this column.

*** No reports were submitted for these chemicals.



2000 Toxics Release Inventory

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On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (All Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases	
	Underground Injection				On-site Releases to Land			(Transfers Off-site to Disposal)	
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds		Transferred Within State Pounds	Transferred Out of State Pounds
Du Pont Chambers Works, Deepwater, Salem	418,076	2,853,928	0	0	142,164	0	3,414,168	0	244,721
Hudson Generating Station, Jersey City, Hudson	3,260,217	4,550	0	0	0	0	3,264,767	2,701	0
Bayway Refining Co., Linden, Union	785,935	2,213,224	0	0	0	0	2,999,159	0	4,242
Mercer Generating Station, Hamilton Township, Mercer	2,317,476	3,650	0	0	0	0	2,321,126	2,500	0
Eagle Point Cogeneration Ptnr. (EPCP), Westville, Gloucester	2,143,368	0	0	0	0	0	2,143,368	0	0
Roche Vitamins Inc., Belvidere, Warren	580,509	6,201	0	0	0	0	586,710	0	7,138
B. L. England Generating Station, Beesleys Point, Cape May	565,285	2,616	0	0	0	0	567,901	72,767	64
Ford Edison Assembly Plant, Edison, Middlesex	544,519	0	0	0	0	0	544,519	417	11,511
Conectiv Deepwater Generating Station, Pennsville, Salem	526,727	0	0	0	0	0	526,727	0	31,140
Mallinckrodt Baker Inc., Phillipsburg, Warren	65,693	218,161	0	0	0	0	283,854	0	0

* The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (PBT Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases	
	Underground Injection				On-site Releases to Land			(Transfers Off-site to Disposal)	
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds		Transferred Within State Pounds	Transferred Out of State Pounds
Du Pont Chambers Works, Deepwater, Salem	1.00	335.00	0.00	0.00	790.00	0.00	1,126.00	0.00	19.00
Co-Steel Sayreville, Sayreville, Middlesex	575.00	0.00	0.00	0.00	0.00	0.00	575.00	0.00	0.00
Hudson Generating Station, Jersey City, Hudson	447.30	0.00	0.00	0.00	0.00	0.00	447.30	1.40	0.00
Mercer Generating Station, Hamilton Township, Mercer	385.50	0.00	0.00	0.00	0.00	0.00	385.50	0.00	0.00
B. L. England Generating Station, Beesleys Point, Cape May	233.00	0.40	0.00	0.00	0.00	0.00	233.40	50.00	0.00
Co-Steel Raritan, Perth Amboy, Middlesex	168.00	0.00	0.00	0.00	0.00	0.00	168.00	0.00	0.00
Valero Refining Co. N.J., Paulsboro, Gloucester	132.00	1.02	0.00	0.00	0.00	0.00	133.02	0.00	0.00
U.S. Pipe & Fndy. Co., Burlington, Burlington	76.00	0.00	0.00	0.00	0.00	0.00	76.00	0.00	54.00
American Stone-Mix Inc., Kenvil, Morris	66.00	0.00	0.00	0.00	0.00	0.00	66.00	0.00	0.00
Solutia Inc. Delaware River Plant, Bridgeport, Gloucester	47.98	12.00	0.00	0.00	0.00	0.00	59.98	0.00	0.00

* The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.



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NEW JERSEY

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (All Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Du Pont Chambers Works, Deepwater, Salem	0	707,150	0	0	48,492,715	3,400,044	3,658,889	56,258,798	0
Hudson Generating Station, Jersey City, Hudson	0	0	0	0	1,700,000	0	3,264,279	4,964,279	0
Bayway Refining Co., Linden, Union	0	22,486	0	0	12,974,180	232	2,988,097	15,984,995	19,196
Mercer Generating Station, Hamilton Township, Mercer	0	0	0	0	320,000	0	2,326,146	2,646,146	0
Eagle Point Cogeneration Ptnr. (EPCP), Westville, Gloucester	0	0	0	0	0	0	2,142,954	2,142,954	0
Penick Corp., Newark, Essex	33,446,600	0	0	0	0	1,725,304	1,737,976	36,909,880	0
U.S. Pipe & Fndy. Co., Burlington, Burlington	0	21,372	0	0	0	52,164	868,223	941,759	0
B. L. England Generating Station, Beesleys Point, Cape May	0	0	0	0	963,171	0	641,680	1,604,851	0
Roche Vitamins Inc., Belvidere, Warren	0	14,866	0	0	165,439	1	592,096	772,402	0
Ford Edison Assembly Plant, Edison, Middlesex	0	524,400	0	17,000	507,163	25,456	560,885	1,634,904	0

* The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (PBT Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
BMCA USIntec Div., North Branch, Somerset	0	0	0	0	0	0	5,060	5,060	0
Du Pont Chambers Works, Deepwater, Salem	0	0	0	0	131	0	1,145	1,276	0
Co-Steel Sayreville, Sayreville, Middlesex	0	0	0	0	0	0	575	575	0
Hudson Generating Station, Jersey City, Hudson	0	0	0	0	0	0	449	449	0
Mercer Generating Station, Hamilton Township, Mercer	0	0	0	0	0	0	386	386	0
B. L. England Generating Station, Beesleys Point, Cape May	0	0	0	0	0	0	283	283	0
Co-Steel Raritan, Perth Amboy, Middlesex	0	100	0	0	0	0	184	284	0
U.S. Pipe & Fndy. Co., Burlington, Burlington	0	36	0	0	0	54	166	256	0
PG&E Generating, Carneys Point, Salem	0	0	0	0	0	0	139	139	0
Valero Refining Co. N.J., Paulsboro, Gloucester	0	5	0	0	0	14	133	152	0

* The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.